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(54) Title: SMOOTH SURFACE MORPHOLOGY ANODE COATINGS

(57) Abstract: The present invention relates to an electrocatalytic coating and an electrode having the coating thereon, wherein the coating is a mixed metal oxide coating, preferably ruthenium, titanium and tin or antimony oxides. The coating uses water as a solvent that provides for a smoother surface than alcohol based solvents. The electrocatalytic coating can be used especially as an anode component of an electrolysis cell and in particular a cell for the electrolysis of aqueous chlor-alkali solutions.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C25B11/04 C23C18/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 2002/148736 A1 (GEUSIC MARK J ET AL) 17 October 2002 (2002-10-17) paragraphs '0025! - '0031! example 1	1-6, 9, 13-21, 24, 28, 29
X	US 4 318 795 A (BIANCHI GIUSEPPE ET AL) 9 March 1982 (1982-03-09) examples 7, 8	1-5, 7-9, 12-14, 16-20, 22-24, 27, 28
A	US 6 527 924 B1 (ANDOLFATTO FRANCOISE ET AL) 4 March 2003 (2003-03-04) column 1, line 65 - column 3, line 2 ----- -/--	1-4, 12-14, 16-19, 27, 28

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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* & * document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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